

ABSTRACT

A pregel composition is added to an organic
5 electrolyte solution of an electrolyte salt in a nonaqueous
solvent for causing the solution to gel and form a polymer
gel electrolyte. The pregel composition is dehydrated by
azeotropic distillation and has a moisture content of not
more than 1,000 ppm as determined by Karl Fischer titration.
10 Polymer gel electrolytes prepared with such a pregel
composition have a good electrochemical stability, and are
thus highly suitable for use in secondary cells and
electrical double-layer capacitors.

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